

## ABSTRACT

**[0061]** A method and apparatus for supporting a substrate is generally provided. In one aspect, an apparatus for supporting a substrate includes a support plate having a first body disposed proximate thereto. A first pushing member is radially coupled to the first body and adapted to urge the substrate in a first direction parallel to the support plate when the first body rotates. In another aspect, a load lock chamber having a substrate support that supports a substrate placed thereon includes a cooling plate that is moved to actuate at least one alignment mechanism. The alignment mechanism includes a pushing member that urges the substrate in a first direction towards a center of the support. The pushing member may additionally rotate about an axis perpendicular to the first direction.